

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Tadayoshi ITO  
Title: RADIO BASE STATION SYSTEM,  
CHANNEL ALLOCATION METHOD  
AND CHANNEL ALLOCATION  
PROGRAM  
Appl. No.: 10/536,836  
Filing Date: 5/31/2005  
Examiner: Nguyen, Khai Minh  
Art Unit: 2617

**SECOND REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: Appl. Processing Division, Customer Correction Branch

Sir:

Attached is a copy of the Request for Corrected Filing Receipt filed January 11, 2006 requesting that the official Filing Receipt received from the PTO in the above-referenced application be corrected.

There is an error with respect to the inventors' names. There is only a SINGLE inventor; that is: **Tadayoshi ITO**. Both the executed declaration and application data sheet (copies attached) filed with the national stage entry application on May 31, 2005, listed only one inventor, Tadayoshi ITO. Moreover, the international PCT application only listed one inventor, as well, Tadayoshi ITO. A copy of the bibliographic data sheet from the European Patent Office is attached.

There is also an error with respect to the inventor's residence: The inventor's residence is **Hashima-shi, Gifu, Japan**.

There is also an error in the title of the application. The title as shown in the English translation of the International Application is "RADIO BASE STATION SYSTEM,

CHANNEL **ALLOCATION** METHOD AND CHANNEL **ALLOCATION** PROGRAM”.

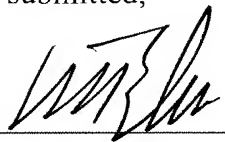
Both the executed declaration and the application data sheet filed with the national stage entry application on May 31, 2005 sets out this title.

A copy of the Request for Corrected Filing Receipt filed January 11, 2006 along with a copy of the stamped postcard is attached for verification purposes.

The Applicant's respectfully request that a corrected Filing Receipt be issued for the above-identified application.

Respectfully submitted,

Dated: 8/4/10

By 

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5485  
Facsimile: (202) 672-5399

William T. Ellis  
Attorney for Applicant  
Registration No. 26,874

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Radio Base Station System, Channel Allocation Method and Channel Allocation Program

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the specification of which (check one)

\_\_\_\_\_ is attached hereto.

X was filed on February 20, 2004 as United States Application  
Number or PCT International Application  
Number PCT/JP2004/002040 and was amended  
on \_\_\_\_\_ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise,

and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?
2003-087897(P)	Japan	March 27, 2003	Yes	No

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

**Customer Number: 22428**

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

William T. Ellis  
FOLEY & LARDNER LLP  
**Customer Number: 22428**

Telephone: (202) 672-5407  
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Tadayoshi ITO
Residence	Hashima-shi, Gifu, Japan
Citizenship	Japanese
Post Office Address	c/o Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan
Inventor's signature	<i>Tadayoshi Ito</i>
Date	March 2, 2005

## Application Data Sheet

### Application Information

Application number::	Unassigned
Filing Date::	5/31/2005
Application Type::	Regular
Subject Matter::	Utility
Suggested classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R?::	None
Computer Readable Form (CRF)?::	No
Title::	RADIO BASE STATION SYSTEM, CHANNEL ALLOCATION METHOD AND CHANNEL ALLOCATION PROGRAM
Attorney Docket Number::	038440-0124
Request for Early Publication?::	No
Request for Non-Publication?::	No
Suggested Drawing Figure::	1
Total Drawing Sheets::	7 (Figs. 1-4, 5A-5C, 6-11)
Small Entity?::	No
Petition included?::	No
Secrecy Order in Parent Appl.?::	No

### Applicant Information

Applicant Authority Type::	Inventor
Primary Citizenship Country::	Japan
Status::	Full Capacity
Given Name::	Tadayoshi
Family Name::	ITO
City of Residence::	Moriguchi-shi
Country of Residence::	Japan

**Street of mailing address::** c/o Sanyo Electric Co., Ltd.  
5-5, Keiianhondori 2-chome  
Moriguchi-shi, Osaka  
570-8677

**Country of mailing address::** Japan

**Correspondence Information**

**Correspondence Customer Number::** 22428

**E-Mail address::** PTOMailWashington@foley.com

**Representative Information**

<b>Representative Customer Number::</b>	22428	
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**Domestic Priority Information**

<b>Application::</b>	<b>Continuity Type::</b>	<b>Parent Application::</b>	<b>Parent Filing Date::</b>
This Application	National Stage of	PCT/JP2004/002040	2/20/2004

**Foreign Priority Information**

<b>Country::</b>	<b>Application number::</b>	<b>Filing Date::</b>	<b>Priority Claimed::</b>
Japan	2003-087897	3/27/2003	Yes

**Assignee Information**

**Assignee Name::** Sanyo Electric Co., Ltd.

Title: Radio base station system, channel allocation method and channel  
allocation program  
Inventor(s): Tadayoshi ITO  
Appl. No.: 10/536,836

Dkt. No. 038440-0124  
WTE/ps/daf

Title: Radio base station system, channel allocation method and channel  
allocation program  
Inventor(s): Tadayoshi ITO  
Appl. No.: 10/536,836

Dkt. No. 038440-0124  
WTE/ps/daf

- Request for Corrected Filing Receipt (2 pgs.); and
- Copy of marked-up Filing Receipt (3 pgs.).

No Due Date

Insp. By: *AM*



NC

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13

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*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

Applicant: Tadayoshi ITO  
Title: RADIO BASE STATION SYSTEM, CHANNEL  
ALLOCATION METHOD AND CHANNEL ALLOCATION  
PROGRAM  
Appl. No.: 10/536,836  
Filing Date: 5/31/2005  
Examiner: Unassigned  
Art Unit: 2681

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir:

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The correction is not due to any error by Applicant and, accordingly, no fee is due.  
Issuance of a corrected Filing Receipt is respectfully requested.

Respectfully submitted,

Date January 11, 2006

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5485  
Facsimile: (202) 672-5399

By \_\_\_\_\_

William T. Ellis  
Attorney for Applicant  
Registration No. 26,874



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/536,836	05/31/2005	2681	900	038440-0124	7	9	3

22428  
 FOLEY AND LARDNER LLP  
 SUITE 500  
 3000 K STREET NW  
 WASHINGTON, DC 20007

CONFIRMATION NO. 6495

## FILING RECEIPT



\*OC000000017467124\*

Date Mailed: 11/17/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Tadayoshi Ito, Osaka, JAPAN;

\* ~~Hisao Fukami, Osaka, JAPAN;~~ remove

**Power of Attorney:** The patent practitioners associated with Customer Number 22428.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/02040 02/20/2004

## Foreign Applications

JAPAN 2003-087897 03/27/2003

Projected Publication Date: 02/23/2006

Non-Publication Request: No

Early Publication Request: No

## Title

ALLOCATION ALLOCATION  
 Radio base station system, channel assignment method and channel assignment program

**Preliminary Class**

455

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject

\* matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



Search result: 1 of 1

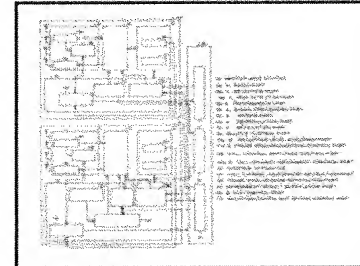
# (WO/2004/086802) RADIO BASE STATION SYSTEM, CHANNEL ASSIGNMENT METHOD, AND CHANNEL ASSIGNMENT PROGRAM

Biblio. Data   Description   Claims   National Phase   Notices   Documents

Latest bibliographic data on file with the International Bureau

Pub. No.: WO/2004/086802      International Application No.: PCT/JP2004/002040  
 Publication Date: 07.10.2004      International Filing Date: 20.02.2004  
 IPC: H04J 3/00 (2006.01), H04J 3/06 (2006.01), H04W 72/04 (2009.01), H04W 56/00 (2009.01), H04W 74/04 (2009.01), H04W 76/02 (2009.01)  
 Applicants: SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP) (All Except US).  
 ITO, Tadayoshi [JP/JP]; (JP) (US Only).  
 Inventor: ITO, Tadayoshi; (JP).  
 Agent: FUKAMI, Hisao et al.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).  
 Priority Data: 2003-087897 27.03.2003 JP  
 Title: (EN) RADIO BASE STATION SYSTEM, CHANNEL ASSIGNMENT METHOD, AND CHANNEL ASSIGNMENT PROGRAM  
 (JA) 無線基地局システム、チャネル割当方法、およびチャネル割当プログラム

**Abstract:** (EN) A frame synchronization part (11b) of a slave base station (1b) synchronizes the frame thereof with the frame of a master base station (1a). A reception control slot setting control part (12b) sets a predetermined reception slot in the frame of the slave base station (1b), which has the same timing as the reception control slot in the frame of the master base station (1a), to the reception control slot. A reception level acquiring part (13a,13b) of each base station (1a,1b), when receiving a link channel establishment request message by use of the reception control slot, acquires the reception level of the slot. A call channel assignment control part (20a,20b) assigns, in accordance with a call channel assignment instruction, a call channel to a mobile station that has transmitted the link channel establishment request message to predetermined transmission and reception slots in the frame.



(JA) スレーブ基地局 (1b) のフレーム同期部 (11b) は、マスター基地局 (1a) のフレームと自局のフレームとの同期をとり、受信制御スロット設定制御部 (12b) は、マスター基地局 (1a) のフレーム内の受信制御スロットと同一タイミングの自局のフレーム内の所定の受信スロットを受信制御スロットに設定する。すべての基地局 (1a、1b) の受信レベル取得部 (13a、13b) は、受信制御スロットでリンクチャネル確立要求メッセージを受信したときに、当該スロットの受信レベルを取得し、通話チャネル割当制御部 (20a、20b) は、通話チャネル割当指示に応じて、フレーム内の所定の送信用および受信スロットにリンクチャネル確立要求メッセージを送信した移動局との間の通話チャネルを割当てる。

**Designated States:** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.  
 African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW)  
 Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)  
 European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR)  
 African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Publication Language:** Japanese (JA)

**Filing Language:** Japanese (JA)